TD 92288GB

User Manual

OfficeM Cordless Telephone

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1 Introduction

This document describes features and settings available for the OfficeM Cordless Phone. The cordless phone is a feature-rich handset designed to be used in an office environment. It's suitable for users dependent of being reachable and/or having a need for mobile voice and messaging functions.

The cordless phone is part of the System 9d, a system that integrates Messaging, Personal Alarm, and Voice on a DECT platform. Hereby a system with digital voice quality, unique messaging, and alarm possibilities can be created.

The System 9d consists of a Radio Exchange, DECT base stations, and a wide range of cordless telephones. It is a system that integrates both the On-site Paging System and the Personal Security System. The Ascom OfficeM has been tested for GAP compatibility. However, this does not guarantee compatibility in an alien DECT system.

Note that your system may not support all functions described in this document. For more information please contact your supplier, or the person responsible for the system in your organization.

2 Guideline for Safety and Efficiency

Please observe all necessary safety precautions when using the OfficeM Cordless telephone.

Save this manual. It includes important safety information and operating instructions. Save all instructions for future reference.

Before using the telephone, please follow the operating instructions and adhere to all warnings and safety precautions located on the product and in the user guide.

Do not expose the telephone to open flame.

Do not expose the telephone and charger to direct sunlight for long periods. Keep the telephone and charger away from excessive heat and moisture.

Do not allow heavy objects to fall on the telephone.

Do not use auxiliary equipment with the telephone which is not exclusively recommended by the manufacturer, see 3.5 *Accessories* on page 15. The use of any auxiliary equipment not recommended by the manufacturer may result in fire, electric shock, or injury, and will void the warranty.

Connect AC (power supply) to the desktop battery charger only to designated power sources as marked on the product.

Remove the electrical cord from an outlet by pulling gently on the AC adapter, not by pulling the cord.

Position the electrical cord to the AC power supply where it is least likely to be subjected to damage or stress.

Unplug the battery charger from a power source before cleaning the telephone to reduce risk of electric shock.

Danger Never alter the AC cord or plug. If the plug will not fit into the outlet, have a proper outlet installed by a qualified electrician. Improper connection increases the risk of electric shock.

Do not attempt to disassemble the telephone. Doing so will void the warranty. Service should be performed only by authorized service centers. The OfficeM cordless telephone does not contain consumer serviceable components.

Do not allow children to play with the product packaging material. Product packaging material is often small and may present a choking hazard.

Do not allow children to play with your telephone. It is not a toy. Children could hurt themselves or others. Children could also damage the telephone.

2.1 Chemical Resistance

The alpha and numeric characters printed on the exterior of the OfficeM Cordless telephone have been tested and found resistant to chipping, fading or wearing off when the telephone is treated with common cleaners and disinfectants or perspiration. The following chemicals have shown no harmful effect:

3% Hydrochloric Acid

M-alcohol (70% Methylated Ethanol)

60% Chlorhexidin 0.5mg/ml

Important: Read this information before using your OfficeM Cordless telephone.

The cordless telephone is one of the most innovative products ever developed. With it, you can maintain connectivity to traditional telephone services while remaining mobile around the work environment. For the safe and efficient operation of your telephone, observe the guidelines in this manual. Your cordless telephone is a radio transmitter and receiver. When it is on it receives and sends out radio frequency (RF) energy. The telephone operates in the frequency range of 1921.5 to 1928.5 MHz and employs commonly used modulation techniques.

Note: Acetone can be damaging to the plastic casing of the cordless telephone and should not be used.

2.2 Exposure to Radio Frequency Signals

The OfficeM Cordless telephone is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limit for exposure to radio frequency (RF) energy set by the Federal Communications Commission (FCC) of the U.S. Government and Canada. These limits are part of comprehensive guidelines and established permitted levels of RF energy for the general population. These guidelines are based on the safety standards previously set by both U.S. and international standards bodies. These standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standards for wireless mobile telephones employs a unit of measure known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC and Canada is 1.6W/kg averaged over one gram of tissue.

Tests for SAR are conducted using standard operating positions specified by the FCC with the telephone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the telephone while operating can be well below the maximum value. This is because the telephone is designed to operate at multiple power levels.

Before a telephone model is available for sale to the public, it must be tested and certified to the FCC that it does not exceed the limit established by government-adopted requirement for safe exposure. The tests are performed in positions and locations (for example, at the ear and worn on the body) as required by the FCC for each model. The highest SAR value for this telephone when tested for use is 0.067 W/kg. While there may be differences between the SAR levels of various telephones and at various positions, they all meet the government requirement for safe exposure.

For body worn operation, to maintain compliance with FCC RF exposure guidelines, use only Ascom approved accessories. When carrying the telephone while it is on, use only the specific Ascom belt clip that has been tested for compliance.

Use of non-Ascom approved accessories may violate the FCC RF exposure guidelines and should be avoided.

Most modern electronic equipment (for example, equipment in hospitals and cars) is shielded from RF energy. However, RF energy from cordless telephones may affect some electronic equipment.

2.3 RF Exposure

This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

This device has been shown to be capable of compliance for localized specific absorption rate (SAR) for uncontrolled environment/general population exposure limits specified in ANSI/IEEE Std. C95.1-1992 and had been tested in accordance with the measurement procedures specified in FCC/OET Bulletin 65 Supplement C (2001) and IEEE Std. 1528-2003 December 2003).

2.4 Potentially Explosive Atmospheres

Turn the cordless telephone off when in an area with a potentially explosive atmosphere. It is rare, but the telephone or its accessories could generate sparks. Sparks in such areas could cause an explosion or fire resulting in bodily injury or even death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include fueling areas, (such as gas stations), below deck on boats, fuel or chemical transfer or storage facilities, and areas where the air contains chemicals or particles (such as grain, dust, or metal powders).

Do not transport or store flammable gas, liquid, or explosives in any compartment of a vehicle which also contains the telephone and accessories.

In the U.S., vehicles powered by liquid petroleum gas (such as propane or butane) must comply with the National Fire Protection Standard (NFPA-58). For a copy of this standard, contact the National Fire Protection Association, One Battery march Park, Quince, Massachusetts 02269, Attention: Publication Sales Division.

2.5 Operation Procedures

In the U.S, cordless telephones are subject to the rules and regulations of the FCC. Following these rules will help to eliminate confusion, ensure the most efficient use of the existing frequencies, and result in a smoothly functioning radio network.

The following offenses are punishable by fine, imprisonment, or both:

- Use of profane, indecent, or obscene language.
- Transmission of a false distress signaler call.
- Willful or malicious interference with any other radio communications.
- Refusal to yield a channel or radio frequency when informed that it is needed for an emergency call. Emergency calls have priority over all messages.
- Adjustment of the equipment by anyone other than a qualified licensed technician.

2.6 FCC Requirements

This equipment has been tested and found to comply with the limits for a Class A digital service, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference, in which case the user will be required to correct the interference at his or her own risk.

2.7 IC requirements

Operation of this device is subject to the following two conditions:

(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.

The term "IC:" before the radio certification number only signifies that Industry of Canada technical specifications were met.

2.8 Warranty notification

Do not disassemble the telephone. Disassembling the telephone voids the warranty. The OfficeM Cordless telephone consists of no consumer serviceable components. Service should be performed only by Authorized Service center.

2.9 Battery care

- Do not leave a battery where it could be subjected to extremely high temperatures, such as inside a car on a hot day.
- Do not allow the metal contacts on the battery to touch another metal object. This could short-circuit and damage the battery.
- Do not attempt to take a battery apart.
- Do not expose a battery to an open flame. This could cause the battery to explode.
- Do not immerse the battery into water. This could short-circuit and damage the battery.
- Do not charge a battery when the ambient room temperature is above 104ºF or 40ºC or below 41ºF or 5ºC.
- Do not disconnect the battery unless it needs to be replaced.
- Do power the telephone off before removing the battery.

2.10 Battery disposal

Defective batteries must be returned to a collection point for chemical waste disposal.

2.11 Modifications

Modifications not expressly approved by Ascom could void the user's authority to operate the equipment.

2.12 FCC compliance statements

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

3 Descriptions

Functions	OfficeM
Personal phonebook (100 entries)	Yes
Company phonebook (1000 entries)	Yes
Central phonebook	Yes*
Changeable display contrast	Yes
Vibrator	Yes
Headset connector	Yes
Microphone on/off during call	Yes
Loudspeaking function	Yes
SMS (Short Message Service)	Yes
Calculator	Yes
Alarm clock	Yes
Voice mail access	Yes*
Conference call	Yes*
Accessories	
Desktop charger	Yes
Charging rack	Yes
Leather case	Yes
Belt Clip	
hinge-type	Yes
swivel-type	Yes
Headset with microphone on boom	Yes
Headset with microphone on cable	Yes
Headset with hearing protection	Yes
Bluetooth Headset Module	Yes

001

* System dependent

Figure 1. OfficeM Features and Accessories

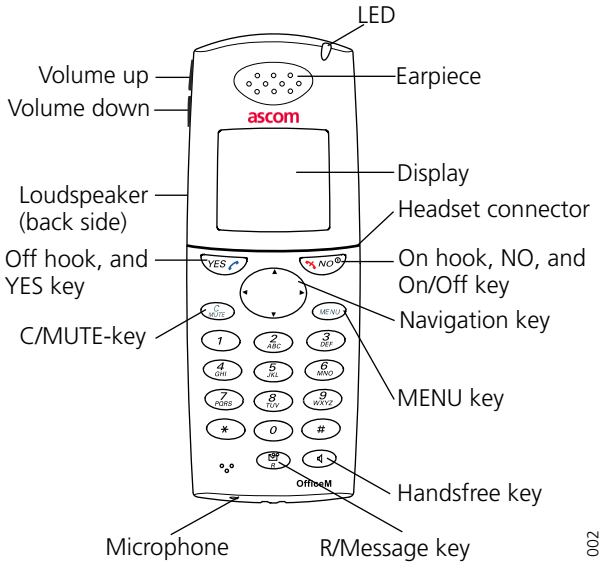


Figure 2. Description of the cordless phone.

3.1 The OfficeM Telephone

IMPORTANT: The handset may retain small magnetic objects around the mouthcap or earcap region.

Case

The plastic cover parts are made of durable PC/ABS material.

Antenna

The antenna is integrated inside the phone.

Display

The full graphic type display is 101 pixels wide and 80 pixels high. The display has white back lightning that can be switched on/off manually or be set to do it automatically. The display contrast can also be changed by the user. See 8.4 *Display Settings* on page 29.

Loudspeaker

The cordless phone has a separate loudspeaker for the loudspeaking function. It is placed on the back side of the cordless phone.

Microphone

The microphone is placed on the bottom side of the phone. The three small holes placed on the right side of the message key, is only a matter of design.

Headset connector

The headset connector is, besides for connecting a headset, used for connecting a data-cable for downloading software and other data to the cordless phone. It is also used for downloading and/or uploading EEPROM settings to the cordless phone with the CPM Cordless Phone Manager (CPM) service tool.

Clip

The belt clip on the back side of the cordless phone, can either be a hinge-type clip (standard) or a swivel-type clip. See 12.2 *Attach the Hinge-type Clip* on page 35, or 12.3 *Attach the Swivel-type Clip* on page 36. Use the clip to attach the phone to a belt or similar.

Battery

The battery is a rechargeable Li-Ion battery, placed under a battery cover. See 12.1 *Replace the Battery* on page 35.

The battery is fully charged within four hours. See 4.3 *Charge the Battery* on page 17.

The battery is not intended to be charged outside the telephone or to be frequently exchanged.

Note: When a battery is connected to the OfficeM a full charging cycle is always required. Failure to do so results in a very early low battery warning.

3.2 Icons and Text in the Display

All functions and settings available to the user are shown as icons and text in the display.

In standby mode

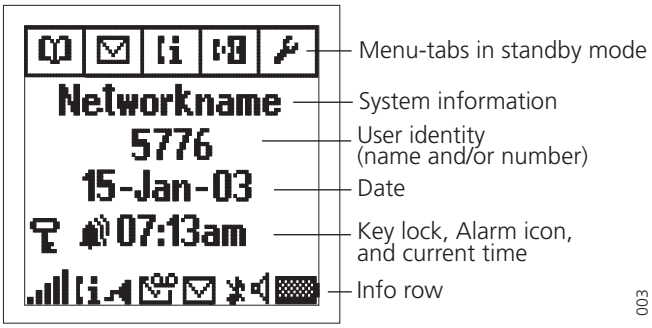


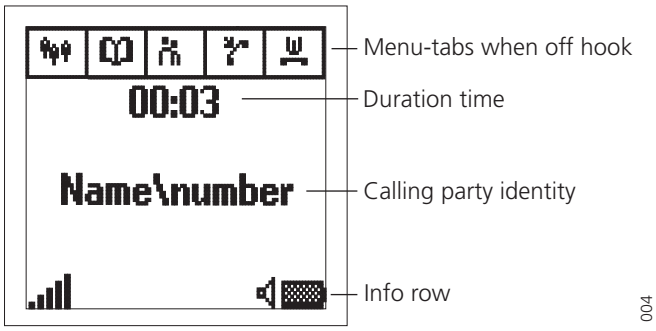
Figure 3. Example of a display configuration in standby mode.

The menu-tab row is used for the menu tabs. The visible tabs in standby mode are phonebook, message, call info, call service, and toolbox.

The next four rows are used for information such as the name of the system to which the cordless phone is connected, the user identity (if supported by the network), and current date and time. The network name, can for example be "System A" which indicates that the system is in contact with system A.

The bottom row (info row) is used for icons which give the user information about the signal strength, new messages, missed calls, battery status etc. see *Icons* on page 11.

Off hook



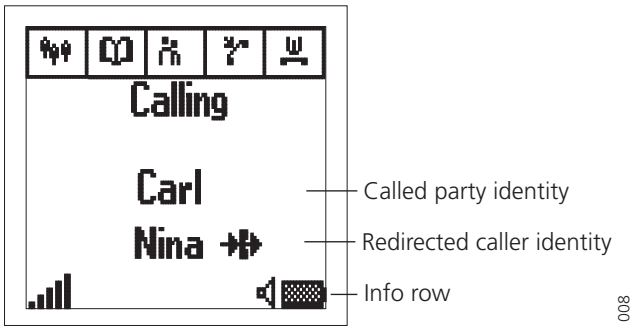


Figure 4. Example of display information when calling.

The upper row is used for the menu tabs. The visible menu tabs when off hook are 3rd party, phonebook, ongoing call, user busy, and call waiting. See *Menu tabs* on page 12. The phonebook and ongoing call are always available, the other tabs are system dependent.

The following rows show information such as the call duration time and for incoming calls, the name and/or the number of the caller (if supported by the network). The redirected caller identity followed by the "redirected call" icon will be displayed if redirected line information is available.

The bottom row (info row) is used for icons which give the user information about the signal strength, new messages, missed calls, battery status etc. see *Icons* on page 11.

Icons

"Signal strength" icon is visible when the cordless phone is connected to a system. The staples shown in display depends on the signal strength.

"Ring signal muted" icon is shown when the MUTE key is pressed and "Mute ringer?" selected.

"Battery" icon is always shown in the display in standby mode. When the level is low it is time to charge the battery.

"Low battery" icon is shown when the battery only has 10% of its capacity left. The icon is flashing when the battery capacity is equal to, or lower, than 5%.

"Loudspeaking" icon is shown when the loudspeaker is activated.

"New message" icon indicates that a new text message (or messages) has arrived. The icon remains in the display until all new messages in the inbox are read.

"Voice message" icon is shown when a voice message is waiting.

"Confirm message" icon urges that a received message has to be accepted or declined by the user of the cordless phone.

"Old message" icon in front of a message shows that this message once has been read.

"Keys locked" icon indicates a locked keypad.

"Bluetooth" icon indicates that Bluetooth is enabled.

"Headset" icon indicates that a headset is connected to the phone.

"Bluetooth Headset" icon indicates that a Bluetooth headset is active.

"Microphone muted" icon indicates a silenced microphone. This means that the other part in an ongoing call with you cannot hear you.

"Redirected call" icon indicates that all voice calls and SMS's are redirected when the phone is placed in the charger. The redirected caller identity is shown in front of this icon.

"Outgoing call" icon is added to all outgoing calls in the call list.

"Answered call" icon is added to all answered calls in the call list.

"Missed call" icon is added to all missed calls in the call list.

"Call info" icon indicates that there are new missed calls in the call list. The icon remains in the display until the calls are checked and either called up or deleted.

"Datacable" icon is visible when a datacable is connected to the headset connector on the phone.

"Search phonebook" icon is visible when it is possible to press ▲ key and search for a name/number in the phonebook.

Menu tabs

The"Phonebook" menu contains all names/numbers in the personal and the company phonebook. It is also possible to access a central phonebook from this menu.

The "Message" menu contains all message handling such as reading, writing, and sending messages.

The "Call info" menu contains call lists and call time.

The "Call service"* menu contains absent handling, and diversion of calls and messages to another phone.

The "Toolbox" menu contains a calculator, alarm clock, and personal phone settings such as changing the ringer volume, selecting language, etc.

The"3rd party"* menu contains all functions for calls where a third (or more) part is involved.

The "Ongoing call" menu contains short-cuts to the message menu and to the call list, and possibility to change to DTMF signalling mode etc.

In the "User busy"* menu a *call waiting* can be initiated if the called person is busy, or a *call back* when the called line no longer is busy. This can only be done on internal calls.

In the "Call waiting"* menu information of the caller can be found if call waiting is initiated by another party (if this information is available). A call that is waiting can be picked up on another line while maintaining the first connection.

* System dependent.

3.3 Keys and Buttons

3.3.1 Volume button

The two buttons placed on the upper left side of the cordless phone are used for increasing/decreasing the earpiece and the loudspeaker volume.

3.3.2 Off hook, and YES key

This key is used for connecting calls and is also as a "YES" key. One short press in standby mode opens the call list, and pressing the key more than 2 seconds will perform a call to the VAA-routine (Voice Activated Assistance) if this feature is activated. Always press this key to confirm choices when working in the menu mode.

3.3.3 On hook, NO, and On/Off key

This key is used for disconnecting calls and returning to previous screen when working in menu mode. If the key is pressed more than 3 seconds the phone will be switched on/off.

3.3.4 C (Clear), and MUTE key

A press on the key in standby mode will mute the ringer signal, while a press during a call will mute the microphone.
C (Clear) is used for erasing letters in the display.

3.3.5 MENU Key

A press on the MENU key in standby mode opens the "Phonebook" menu. A press on the MENU key when off hook opens the "3rd party" menu. If the MENU key has been used for leaving the menu, the last used menu will stay marked when the phone is in standby mode. The next time the MENU key is pressed the last used menu opens.

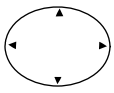
3.3.6 R/Message Key

A press on this key in standby mode will result in an outgoing call to a specific extension number. If the "voice message" icon appears you can enter your messaging system to retrieve the voice message. The use of this feature depends on the network.

3.3.7 Handsfree Key

A press on the handsfree key turns the loudspeaker on/off during a call. The key is also used for connecting an incoming or outgoing call in loudspeaking mode.

3.3.8 Navigation Key



Use this key to step in the menu and when working in text mode. When ▶ is pressed in standby mode and when off hook, the left most menu tab is highlighted and when ◀ is pressed the rightmost menu tab is highlighted. ▲ and ▼ are used for stepping up/down in the menu.

3.4 Enter Text and Numbers

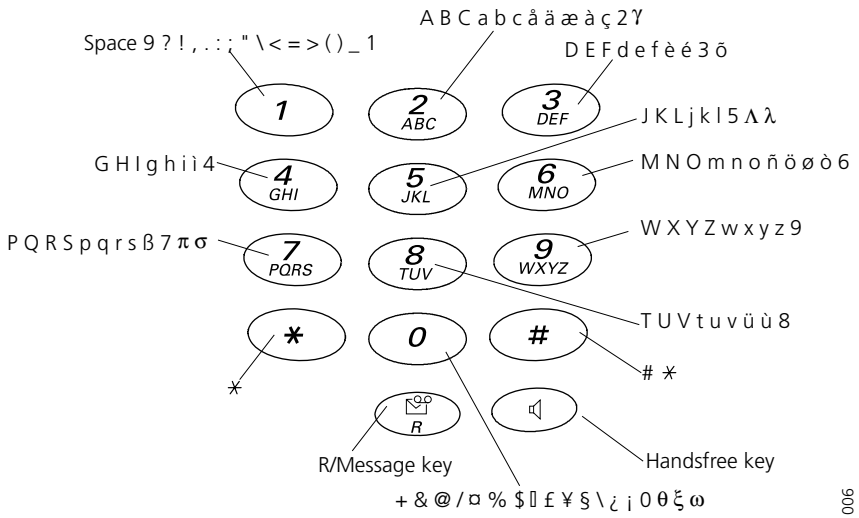

Space 9 ? ! , . : ; " \ < = > ( ) _ 1
A B C a b c å ä æ à ç 2 Ÿ
D E F d e f è é 3 õ
J K L j k l 5 Λ λ
G H I g h i ì 4
M N O m n o ñ ö ø ò 6
P Q R S p q r s ß 7 π σ
W X Y Z w x y z 9
T U V t u v ü ù 8
✳
R/Message key
Handsfree key
+ & @ / ¤ % $ ₪ £ ¥ § \ ¿ ¡ 0 θ ξ ω
900

Figure 5. Available characters

In standby, and number input mode

- A short press on a key enter the digits "0" - "9" and the characters ✳ and #.
- Enter "+" in number input mode by a long press on key 0.
- Enter a pause in number input mode by a long press on the ✳ -key. The pause is presented as a "-".
- Delete a character by a short press on the C-key.
- Delete all characters by a long press on the C-key.

In text input mode

- A press on a key 0-9, ✳, or #, displays the first available character on that specific key. The marked character is selected after a timeout, or when another key is pressed.
- To change to upper/lower case, press the ✳ -key before entering the character.
- To add space in the text, make a short press on key 1.
- The first character entered in a message, or when adding/editing a name in the phonebook, will be an upper level character followed by lower level characters unless the ✳ -key is pressed before entering the character.
- Delete a character by a short press on the C-key.
- Delete all characters by a long press on the C-key.

3.5 Accessories

3.5.1 Desktop Charger

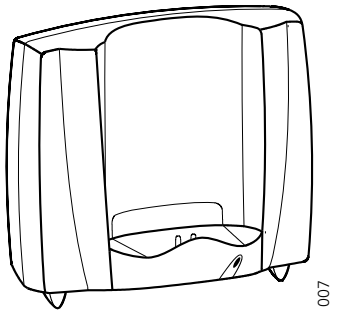


Figure 6. Desktop charger.

The desktop charger is used for both charging and for storing your phone. The charger is delivered with a plug-in power supply and is connected into an ordinary wall socket.

Note: Only use the charger within the temperature range of 5 - 40 ° C.

IMPORTANT: Only use power adapters original delivered. See list below:

Art. number	
DTX - 0208	EU
DTX - 0209	UK
DTX - 0210	AU
DTX - 0211	110V

4 Operation

4.1 Switch the telephone on/off

Press and hold the NO key at least 3 seconds until the display lights up/turns blank.

4.2 Calling

4.2.1 Receive/end a call

When the signal sounds press YES to answer the call, or press the Handsfree key to answer the call in loudspeaking mode. The name/number of the calling party is displayed if calling line information is available.

Press NO to end the call. The duration of the call is shown in the display.

4.2.2 Make a Call

Dial a number

Dial the call number and press YES. The name of the called party is displayed if connecting line information is available.

Call a number from the call list

Press YES to open the call list. Step with ▼ and select one of the twenty last received, dialled or missed calls. If a number occurs more than once, the last time stamp together with the total number of occurrences, is shown. Press YES to dial. The call list can also be accessed via the call info menu.

Quick call by a name in the phonebook

Press and hold the key that holds the first character in the name. Use short presses on the same key to step between the characters, and use ▼ to select the desired name. Press YES.

Example: if the name Eva is wanted, press key 3 (DEF) twice; the first press shows all names starting with "D" and the second press shows all names starting with "E". Scroll with ▼ to find the name. Press YES to dial.

Call by a name in the phonebook

Enter Phonebook in the menu, select "Call" and press YES; "Find" appears. Enter the first character(s) or the whole name (or scroll with ▼ to find the name). Press YES to dial.

4.2.3 Transfer a Call

During the call, press the R key to put the call on hold. Dial the number you want to transfer the call to. If the number is available press NO to transfer the call, or press the R key to return the call.

Note: This function is system dependent.

4.3 Charge the Battery

Place the telephone in the desktop charger. The battery is being charged when the green LED on the charger is on (or flashing). An animated battery icon is also shown in the display indicating charging by starting with its current charge and ending with the full charge. A filled Battery icon indicates a fully charged battery.

Only use the prescribed desktop charger for charging. Always charge the battery for at least one hour after connecting it to the telephone. Do not charge the battery outside the telephone.

4.4 Lock/Unlock the keypad

To prevent accidentally pressing keys and making a call, the keys can be blocked by locking the keypad.

Enter the "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24, select "Locks" and press YES. Select "Key lock", press YES. Set to "Automatic" to lock the keypad and confirm the choice by pressing YES. When a call is received the keys will automatically unlock and be locked again 30 seconds after the call is ended.

Unlock the keypad by a press on the * -key and YES.

4.5 Volume/Mute Control

4.5.1 Adjust the Volume during a Call

Press the "Volume up" button to increase the volume, and the "Volume down" button to decrease the volume. The phone will now store and keep the new volume level.

4.5.2 Turn Loudspeaking Function On/Off

Press the "Handsfree key" to turn on/off the loudspeaker. This is possible either before dialling a number, or during an ongoing conversation.

4.5.3 Turn the Ring Signal On/Off

In stand-by mode a press on the MUTE key followed by a press on YES, changes between ring signal on/off. The "Ring signal muted" icon indicates a silenced telephone.

4.5.4 Turn the Microphone On/Off during a Call

Press MUTE to turn the function on/off. The "Microphone muted" icon and low beeps indicate a silenced microphone. This means that the other part in an ongoing call with you cannot hear you.

4.6 Change the Dialling Mode

If your system normally uses pulse dialling you can switch between long and short DTMF tones if required. For some teleservices the standard tones sent by the Cordless telephone are too short. In this case the Cordless telephone must be switched to "Long DTMF".

Switch to long DTMF tones

While calling, select the "Ongoing call" menu, see 7.3 *Ongoing call Tab* on page 25. Step to "Long DTMF" and press YES.

Switch to short DTMF tones

While calling, select the "Ongoing call" menu, se 7.3 *Ongoing call Tab* on page 25. Step to "Short DTMF" and press YES.

4.7 Send a Dial Tone Pause

A long press on the * -key adds a pause. It is displayed as "-".

4.8 Messaging

4.8.1 Receive a Text Message

When a text message is received, the LED starts flashing and the message alert signal sounds. If the message is received during a call a beep notifies the user. The message is stored in the message list. The "New message"icon is shown in the display. The icon will remain in the display until all new messages are opened.

4.8.2 Read a Stored Text Message

Enter "Message" in the menu, see 6.2 *Message Tab* on page 22, select "Inbox" and press YES. Scroll with ▼ to find the message, and press YES to view the message.

4.8.3 Write and send a Text message

Enter "Message" in the menu, see 6.2 *Message Tab* on page 22. Select "Send" and press YES. Select "New" and press YES. Write the message. Keys 0-9, * or # can be used. Key 0 and 1 contains special characters, see 3.4 *Enter Text and Numbers* on page 14 to see all characters.

The maximum message length is 160 characters.

Note: Some characters require 2 bytes in the final message, therefore the user will sometimes not be able to enter 160 characters.

The first character entered will be an upper level character followed by lower level characters unless the * -key is pressed before entering the character.

When pressing a key, the first available character on that specific key is displayed, see 3.4 *Enter Text and Numbers* on page 14. To get any of the other characters on that key, press the key until that character appears in the display.

Example: to get the character E, press key 3 twice. "E" appears in the display and is selected after a timeout or when another key is pressed.

Press YES, enter the call number and press YES to send the message.

4.8.4 Delete a Text Message

To delete the message press YES, a menu appears, see 6.2 *Message Tab* on page 22. Scroll with ▼ to "Remove" and press YES. The Message is deleted.

4.8.5 Reply to a Text Message

To reply to the message press YES, a menu appears, see 6.2 *Message Tab* on page 22. Select "Reply" and press YES. Write the message, see *4.8.3 Write and send a Text message* above. Press YES to send the reply.

4.8.6 Confirm a Manual acknowledge request

If a message is sent with Manual acknowledge, the message has to be confirmed in the handset.

Enter "Message" in the menu, select "Inbox" and press YES. Select the message and press YES to open the message. The message appears with the question "Confirm?". Press YES to confirm. Press YES again when the question "Confirm msg?" pops up. Select "Accept" or "Decline" and press YES.

4.8.7 Forward a Text Message

To forward the message to another telephone press YES, a menu appears, see 6.2 *Message Tab* on page 22. Scroll with ▼ to "Forward" and press YES. Write additional text, see *4.8.3 Write and send a Text message* above. Press YES to forward the message.

4.8.8 Call the Sender of the Text Message

To call the sender of the message press YES, a menu appears, see 6.2 *Message Tab* on page 22. Scroll with ▼ to "Call sender" and press YES. Press YES twice to call the sender.

4.8.9 Call a telephone number included in a Text Message

If the sender has written a telephone number in the message it is possible to call the number without dialling it. Press YES, a menu appears, see 6.2 *Message Tab* on page 22. Scroll with ▼ to "Call (No. in text)" and press YES. Press YES twice to call the number in the message.

4.8.10 Read the next Text Message

To read the next text message in the list press YES, a menu appears, see 6.2 *Message Tab* on page 22. Scroll with ▼ to "Read next" and press YES.

4.9 Voice Mail

4.9.1 Receive a Voice mail

A new voice mail is indicated by a "Voice mail" icon in the display. Information is stored in the "Voice" inbox, see 6.2 *Message Tab* on page 22.

4.9.2 Check the Voice inbox

Enter "Message" in the menu, see 6.2 *Message Tab* on page 22, select "Voice" and press YES. The "Voice mail" icon followed by the total number of new voice mails in the users mailbox is displayed.

4.9.3 One Key Voice Mail Access

If the mailbox extension number is downloaded to the phone, see 10.2 *Cordless Phone Manager (CPM) Settings* on page 33, a press on the "R" key in standby mode will call the mailbox. If the extension number is not available an error beep is generated.

4.10 Phonebook

The telephone has a personal phonebook with 100 entries, where names and numbers freely can be added, deleted, and edited by the user. In addition a company phonebook

with up to 1000 entries can be download to the phone. The company phonebook name and numbers can not be edited or deleted by the user. The phonebook lists all names in alphabetical order. The personal and company phonebook appears in the same list but the company names are indicated by a "Keys locked" icon in front of the name.

It is also possible to access a central phonebook, see 6.1 *Phonebook Tab* on page 22. The user then sends a request to a messaging server with the first characters entered, and the messaging server will return a list of names and numbers that matches the search.

4.10.1 Add a New Entry

Enter "Phonebook" in the menu, select "Add contact" and press YES. Select "New" or "From call list", press YES. If "New" is chosen enter the name, press YES, and enter the call number, see 3.4 *Enter Text and Numbers* on page 14. Press YES to save the new entry.

4.10.2 Edit Name/Number

Enter "Phonebook" in the menu, see 6.1 *Phonebook Tab* on page 22, select "Edit contact" and press YES. The names in the phonebook are shown in alphabetical order. To search in the list, enter the first character(s) in the name, or step with ▼. Change the name/number and press YES to save the entry

4.10.3 Delete Name/Number

Enter "Phonebook" in the menu, see 6.1 *Phonebook Tab* on page 22, select "Delete contact" and press YES. The names in the phonebook are shown in alphabetical order. To search in the list, enter the first character(s) in the name, or step with ▼. Press YES; "Remove...?" is displayed. Press YES to delete the entry.

4.11 Calculator

The phone has a calculator that supports general arithmetic functions (addition, subtraction, multiplication and division).

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24, select "Calculator" and press YES. Enter digit(s), to switch between "+", "-", "x", and "/" press the # -key. Enter new digit(s) and press YES to calculate.

5 Menu Operation

5.1 Navigate the Menu

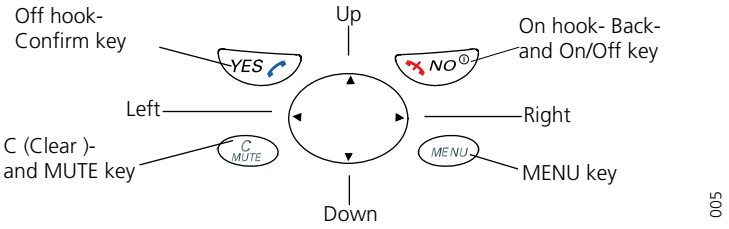


Figure 7. Keys used for menu handling.

Enter/Exit the menu

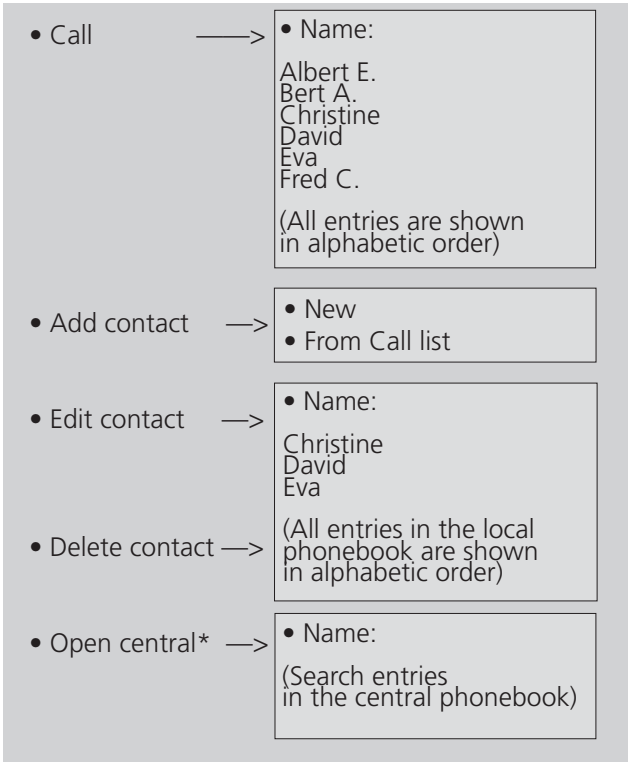
Enter the Menu mode by either a press on the menu key or navigation keys ◄ or ►. Use ◄ or ► to step between tabs. The selected tab is shown with inverted colours. A heading is shown and the first alternative is marked. Use navigation key ▲ or ▼ to step in the alternatives. Press YES. Press NO to go back one step in the menu. Confirm your alternative/setting with a press on YES.

Exit the Menu mode and go back to standby mode by a long press on the NO key or by pressing the MENU key.

When exiting by pressing the MENU key, the last used menu tab setting will be saved. When pressing the MENU key again this menu will be opened.

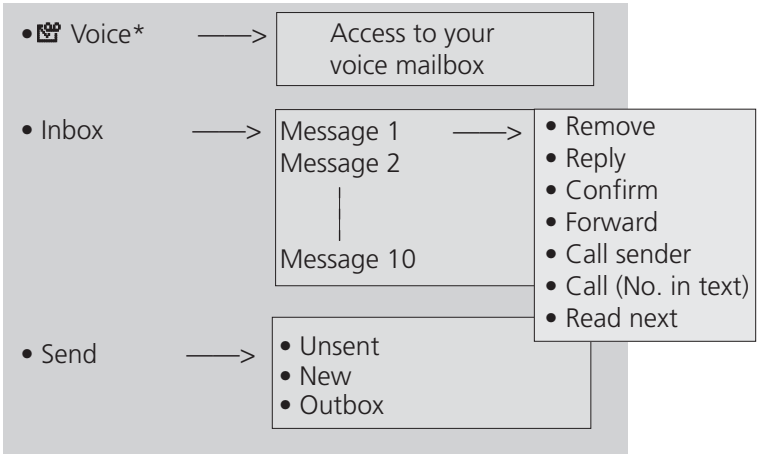
6 Standby Menu Tree

6.1 Phonebook Tab



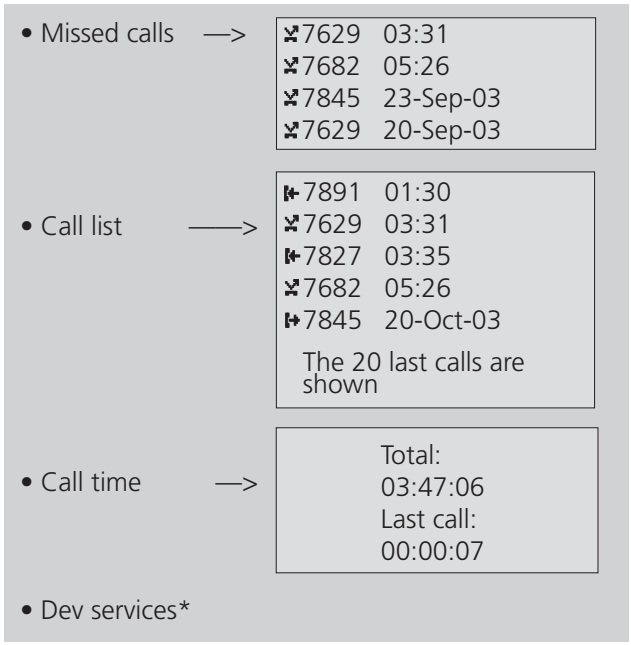
* System dependent

6.2 Message Tab



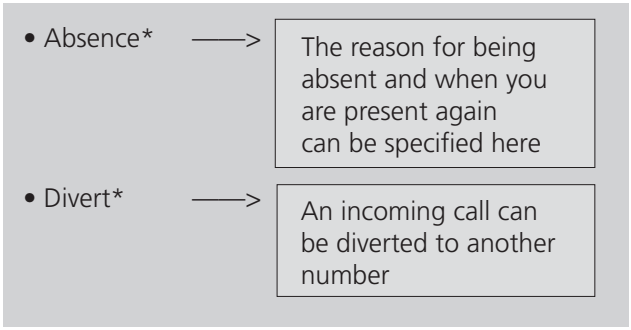
* System dependent

6.3 Call info Tab



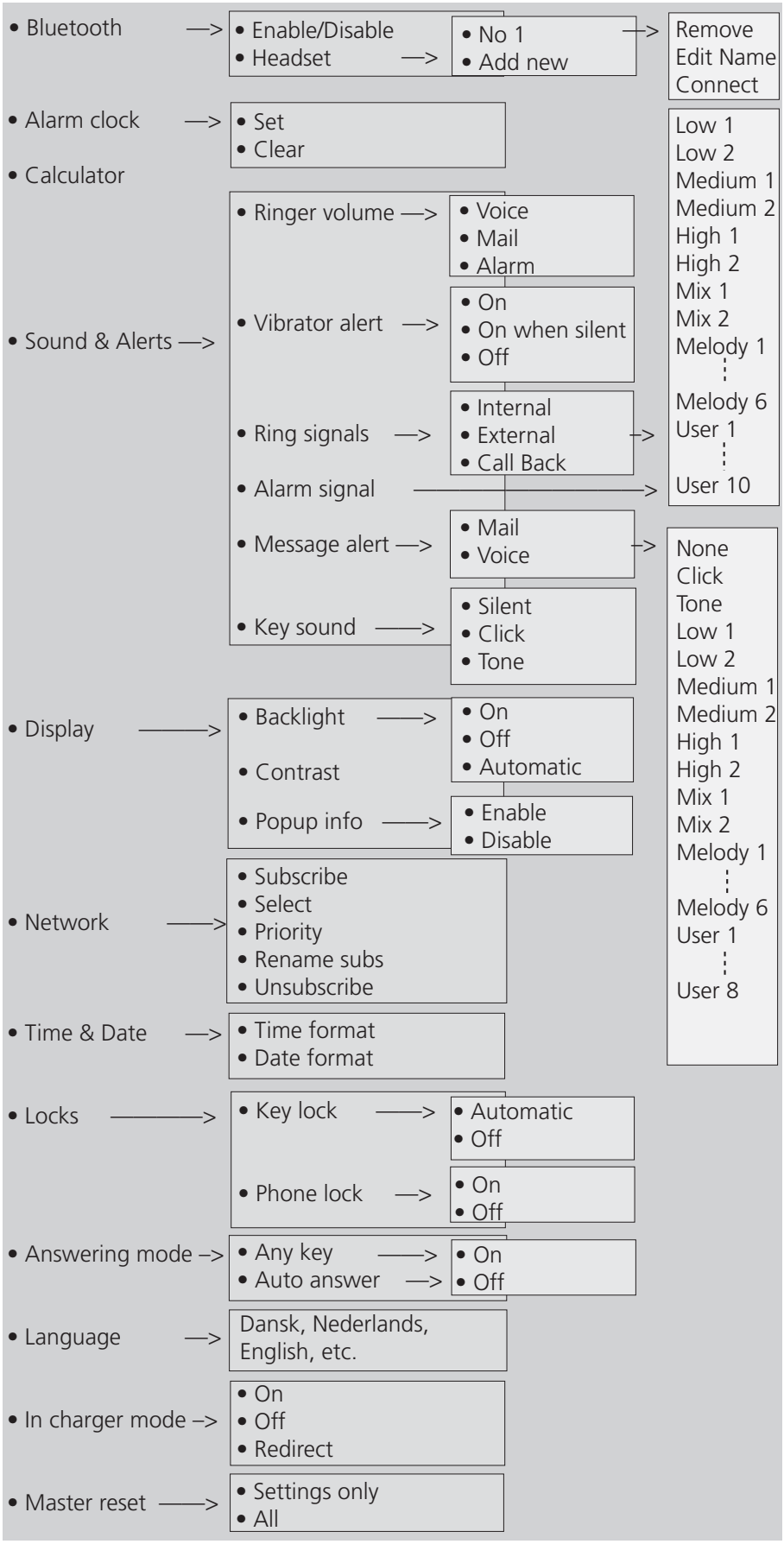
* Not visible for the normal user

6.4 Call service Tab


• Absence* ——>
The reason for being absent and when you are present again can be specified here
• Divert* ——>
An incoming call can be diverted to another number
013

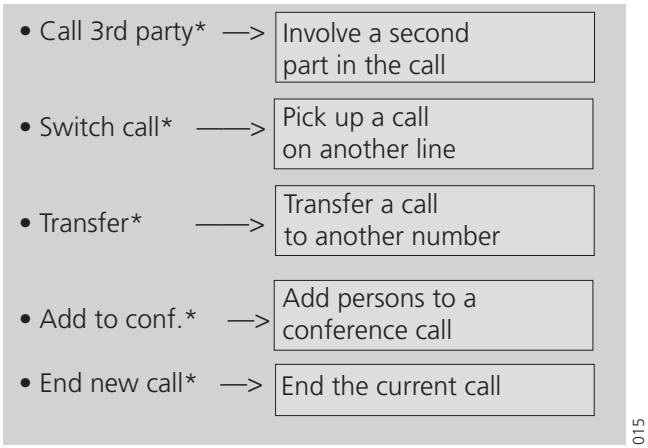
* System dependent

6.5 Toolbox Tab



7 Off Hook Menu Tree

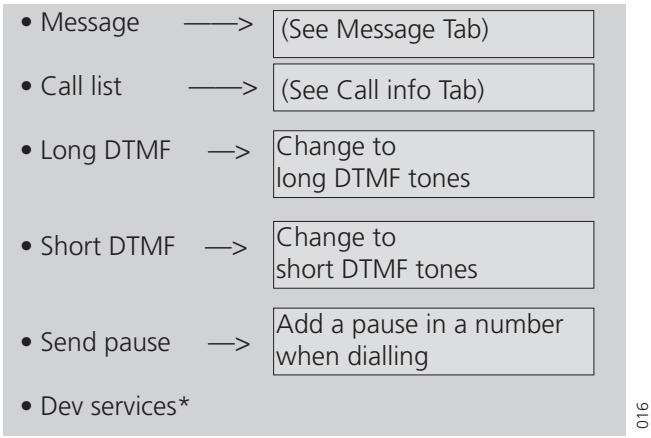
7.1 3rd party Tab


• Call 3rd party* —> Involve a second part in the call
• Switch call* ——> Pick up a call on another line
• Transfer* ——> Transfer a call to another number
• Add to conf.* —> Add persons to a conference call
• End new call* —> End the current call
015

* System dependent

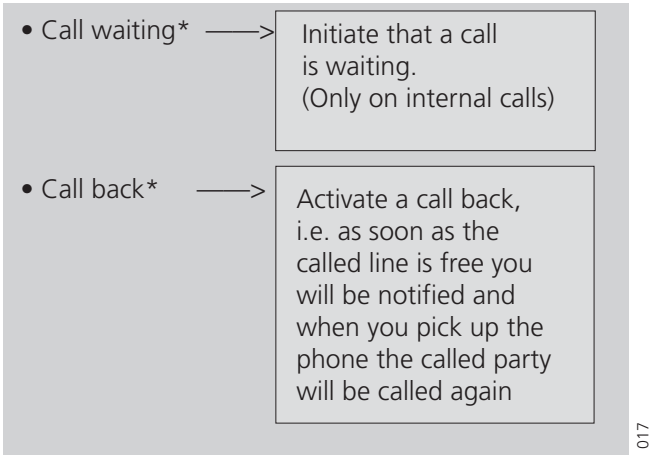
7.2 Phonebook Tab , See 6.1 *Phonebook Tab* on page 22.

7.3 Ongoing call Tab


• Message ——> (See Message Tab)
• Call list ——> (See Call info Tab)
• Long DTMF —> Change to long DTMF tones
• Short DTMF —> Change to short DTMF tones
• Send pause —> Add a pause in a number when dialling
• Dev services*
016

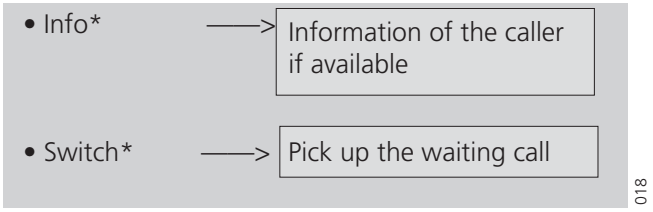
* Not visible for the normal user

7.4 User busy Tab


• Call waiting* ——>
Initiate that a call is waiting. (Only on internal calls)
• Call back* ——>
Activate a call back, i.e. as soon as the called line is free you will be notified and when you pick up the phone the called party will be called again
017

* System dependent

7.5 Call waiting Tab



* System dependent

8 Settings

8.1 Call service Settings

8.1.1 Absence Handling

The reason for being absent and the return time can be specified here.

Enter "Call service", see 6.4 *Call service Tab* on page 23. Select "Absence" and press YES. Select "Activate", press YES. If the cordless phone is preprogrammed a number of absence reasons can be displayed, for example "Lunch", "Meeting", "Trip" etc. Press YES, enter time or date, when present again (use ▶ to switch between am and pm) and press YES.

Deactivate the absence setting

Enter "Call service" in the menu and select "Deactivate". Press YES.

Note: Absence is a system dependent function.

8.1.2 Call Diversion

The user can divert calls to another extension.

Enter "Call service", see 6.4 *Call service Tab* on page 23. Select "Divert" and press YES. Choose "Select" or "Manual", press YES.

In the first case (Select) a list with predefined extension names/numbers will appear if the cordless phone is preprogrammed, select extension and press YES.

In the other case (Manual) the extension is manually set by the user. Press YES (or use ▲ and ▼ to change from "Internal" to "External" extension, and press YES twice). Enter the number or use ▼ to find a number in the phonebook. Press YES.

It will take eight seconds for the phone to dial and send the code to the PBX.

Note: Call diversion is a system dependent function.

Add a new entry to the diversion list

Enter "Call service", see 6.4 *Call service Tab* on page 23. Select "Divert" and press YES. Select "Add", press YES (or use ▲ and ▼ to change from "Internal" to "External" extension and press YES twice). Enter a name, press YES. Enter the number or use ▼ to find a number in the phonebook. Press YES to save the entry.

Edit an entry in the diversion list

Enter "Call service", see 6.4 *Call service Tab* on page 23. Select "Divert" and "Edit". Press YES. Select the entry and press YES. Do your changes and press YES to save the entry.

Remove an entry from the diversion list

Enter "Call service", see 6.4 *Call service Tab* on page 23. Select "Divert" and "Remove". Press YES. "Remove XX?" will appear, press YES once again.

Deactivate the divert setting

Enter "Call service", see 6.4 *Call service Tab* on page 23. Select "Deactivate". Press YES.

8.2 Set/Clear the Alarm Clock

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Alarm clock" and press YES. Select "Set", press YES. Enter the time the alarm is to be started. Use ▶ to switch between am and pm (only needed if the time format is set to "12 hour"). Press YES to activate the alarm. The alarm clock icon in the display shows that the alarm clock is activated.

When the alarm sounds the question "Cancel alarm?" is shown in the display. Press YES to cancel the alarm.

The alarm can also be cancelled by entering "Toolbox" in the menu, selecting "Alarm clock" and then "Clear". Pressing YES will remove the alarm clock setting.

8.3 Sound and Alert Settings

8.3.1 Adjust the Ringer Volume

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Sound & Alerts" and press YES. Select "Ringer volume". Choose desired setting for "Voice", "Mail", or "Alarm clock". Step with ▶ to increase the volume and with ◀ to decrease it. Press YES to save the setting.

8.3.2 Turn the Vibrator on/off

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Sound & Alerts" and press YES. Select "Vibrator alert", press YES. Choose between "On", "On when silent" (i.e. the vibrator is on when the phone is muted), or "Off". Press YES to save the setting.

8.3.3 Set different Ring Signals for Internal Call, External Call and Call Back

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Sound & Alerts" and press YES. Select "Ring signals", press YES. Different signals for internal calls, external calls and call back can be set. The cordless phone has 14 different ring signals, see 6.5 *Toolbox Tab* on page 24. 10 additional ring signals can be downloaded to the phone. Press YES to save the setting.

8.3.4 Set Alarm Signal

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Sound & Alerts" and press YES. Select "Alarm signal", press YES. Choose a signal. The cordless phone has 14 different alarm signals, see 6.5 *Toolbox Tab* on page 24. 10 additional alarm signals can be downloaded to the phone. Press YES to save the setting.

8.3.5 Set different Message Alerts for Mail and Voice Messages

Enter “Toolbox” in the menu, see 6.5 *Toolbox Tab* on page 24. Select “Sound & Alerts” and press YES. Select “Message alert”, press YES. Different message alerts for the two types of messages can be selected. The cordless phone has 14 different message alerts (default), see 6.5 *Toolbox Tab* on page 24. 10 additional message alerts can be downloaded to the phone. Press YES to save the setting.

8.3.6 Set the Key Sound

This means that every time a key is used, the phone gives a small sound.

Enter “Toolbox” in the menu, see 6.5 *Toolbox Tab* on page 24. Select “Sound & Alerts” and press YES. Select “Key sound”, press YES. Choose between “Silent, “Click”, or “Tone”. Press YES to save the setting.

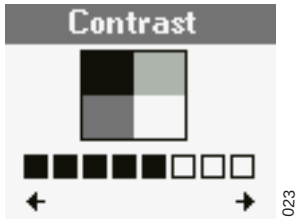
8.4 Display Settings

8.4.1 Backlight

Enter “Toolbox” in the menu, see 6.5 *Toolbox Tab* on page 24. Select “Display” and press YES. Select “Backlight”, press YES. Set to “On”, “Off”, or “Automatic”. Automatic means that the backlight turns on when a key is pressed, at an incoming call etc. and the backlight turns off approx. 5 seconds after the phone has been used. Press YES to save the setting.

8.4.2 Contrast

Enter “Toolbox” in the menu, see 6.5 *Toolbox Tab* on page 24. Select “Display” and press YES. Select “Contrast”, press YES.



Step with ▶ to increase the contrast, and with ◀ to decrease it. Press YES to save the setting.

8.4.3 Enable/Disable Popup Info

The system will send information in a popup window when working in menu mode during a call. For example, if searching for a call number in the phonebook during a call and the other part ends the call, the text "Hung up" will popup in a separate window.

Enter “Toolbox” in the menu, see 6.5 *Toolbox Tab* on page 24. Select “Display” and press YES. Select “Popup info”, press YES. Set to “Enable” or “Disable”. Press YES to save the setting.

8.5 Time & Date Settings

8.5.1 Set Time Format

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Time & Date" and press YES. Select "Time format, press YES. Choose "24" or "12" hours time format. Press YES to save the setting.

8.5.2 Set Date Format

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Time &Date" and press YES. Select "Date format", press YES. Choose between DD-MMM-YY, MM/DD/YY, DD-MM-YY or YYMMDD. Press YES to save the setting.

8.6 Phone Lock settings

8.6.1 Activate the Keypad lock

See 4.4 *Lock/Unlock the keypad* on page 17.

8.6.2 Activate the Phone Lock

The phone can be protected for unauthorized use. If this function is activated a PIN code has to be entered at power on. The default phone lock code (0000) can be changed to any 4 digit personalized code.

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Locks"and press YES. Select "Phone lock", press YES. Select "On", press YES. Enter the old PIN code, press YES. Enter the new PIN code, press YES and enter the new PIN code again. Press YES to save the setting.

If forgotten the PIN code can be removed by your distributor.

8.6.3 Deactivate the Phone Lock

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Locks" and press YES. Select "Phone lock", press YES. Select "Off". Enter the PIN code and press YES.

8.7 Select Answering Mode

The phone can be set to automatically answer a call, or answer a call by a press on any key.

Note: The automatically answer mode is only relevant when a headset or a Bluetooth headset is connected.

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Answering mode" and press YES. Choose "Any key" or "Auto answer", press YES. Select "On". Press YES to save the setting.

8.8 Change the Menu Language

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Language" and press YES. Choose between Dansk (Danish), Nederlands (Dutch), English, Soumi (Finish), Français (French), Deutsch (German), Italiano (Italian), Norska (Norwegian), Português

(Portuguese), Español (Spanish), and Svenska (Swedish). These are the default languages. One additional language can be downloaded to the phone. Press YES to save the setting.

8.9 In Charger Mode

Redirect Calls and Messages when placed in Charger

Calls can be redirected to another extension when the cordless phone is placed in charger. The function is automatically cancelled when the phone is removed from the charger.

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "In charger mode" and press YES. Select "Redirect" and press YES to save the setting.

Detach from system while charging

When the cordless phone is placed in the charger the phone can be detached from the system but still be switched on and charging.

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "In charger mode" and press YES. Select "Off" and press YES to save the setting.

8.10 Master Reset

The phone settings can be reset to default. Either only the user settings such as ringer volume, vibrator alert etc., or all settings/information which includes all user settings, sms messages, voice call list, and all entries in the personal phonebook.

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Master reset" and press YES. Select "Settings only" or "All". If the phone lock is activated the phone will ask for the PIN code; enter the PIN code. Press YES.

9 Advanced Functions

9.1 System Handling

The 9d System supports the GAP (Generic Access Profile) standard. This makes it possible to log on to any GAP compatible system with your phone.

9.2 Network Settings

9.2.1 Subscribe a New PBX System

The cordless telephone can subscribe up to eight different PBX systems. To subscribe a new system the "Park:" (Portable Access Right Key) and "Ac:" (Authentication code) related to the system you are going to log on to are needed. Contact your system administrator for more information.

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Network"and press YES. Select "Subscribe", press YES. Enter the "Park:"code, press YES, enter the "Ac:" code, press YES. Give the new system a name, press YES. Finally chose if the new system is to be protected or not. Switch between "Yes" and "No" by using ◄ or ►. Press YES to save the setting.

9.2.2 Select PBX System

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Network" and press YES. Choose "Select". Select "Automatic" or a specific system. If the phone is set to "Automatic" it selects a system according the priority list, see *9.2.3 Priority for the PBX Systems* below. Press YES. When the "Connect to XXX" appears press YES again. The text "Please wait selecting XXX"appears.

9.2.3 Priority for the PBX Systems

The default order of priority is the order of entered subscriptions. This means that the first subscribed PBX system has the highest priority. This list can be edited by the user.

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Network" and press YES. Select "Priority", press YES. Change the priority. Press YES to save the setting.

9.2.4 Unsubscribe a PBX System

Enter "Toolbox" in the menu, see 6.5 *Toolbox Tab* on page 24. Select "Network" and press YES. Select "Unsubscribe", press YES. Select the system you want to delete and press YES. When "Unsubscribe XXX?" appears in the display; press YES again.

Note: It is not possible to delete a protected subscription.

10 For System Administrators

10.1 Look up the IPEI Code

The International Portable part Equipment Identity (IPEI) code of the cordless phone may be needed to enable telephone network subscription. It is also needed to unlock the phone if the user enters the wrong phonelock code three times. The IPEI code is a unique code which has been assigned to the cordless phone.

Enter *#06# in standby mode and press YES. If the phone lock is on "Enter PIN Code:" is shown. Enter the PIN code. A message box with text "IPEI" will be displayed followed by the IPEI number.

10.2 Cordless Phone Manager (CPM) Settings

Dependent on the user rights the CPM Service Tool makes it possible to download new software, ringing melodies, start-up screen, a 12^h language, company phonebook etc.

The tool is also needed for the following settings;

- VAA number
- voicemail number
- number to central phonebook
- diversion types labels
- absence labels
- dialling codes for date format
- inquiry
- switch call
- transfer call
- add to conference
- end current call
- call waiting
- call back
- deactivate dialling code

11 Operation Notice

11.1 Accessibility and Voice Quality

The base network is not always available. If you do not get in contact with your system, contact your system administrator. For best voice quality, avoid positioning near computer, radio or similar equipment.

Operating Area

You can only use your cordless phone in the area that is covered by your system. Outside this area you will loose contact with the system. The signal strength icon will disappear and "No network" will be displayed.

Out of Range

When you leave the system's coverage area a short beep will sound and the text "No System" will appear in the display.

When re-entering the coverage area it can take a couple of minutes before the phone automatically has registered into the system.

11.2 Environmental Requirements

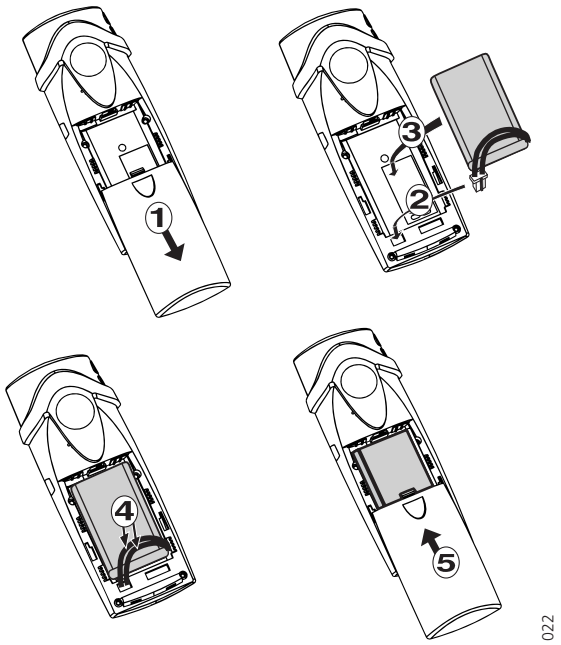
Cordless Telephone

- Only use the phone in temperatures between 0 ^{O} C to +40 ^{O}C.
- Avoid exposing in direct sunlight or close to other heat sources.
- Protect your phone from aggressive liquids and vapours.
- Keep the phone away from strong electromagnetic fields.

12 Maintenance

12.1 Replace the Battery

If the standby time for the cordless phone becomes too low, the battery should be replaced by a new one. Please contact your system administrator or your supplier, for information about new batteries. Attach the battery as described in the illustration below. The battery is connected to the cordless phone in such a way that no miss-contact is possible.

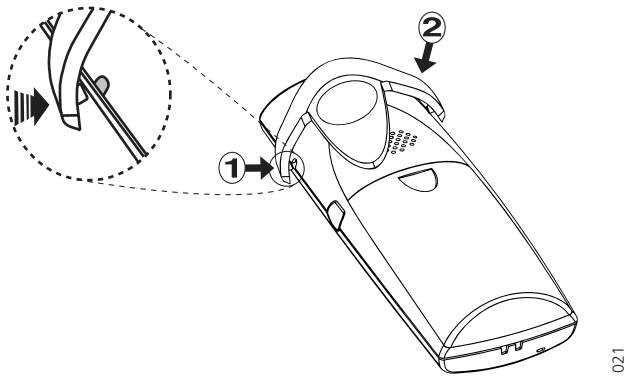


Note: After replacing the battery with a new one, the "Battery" icon can indicate an empty battery even though it is fully charged. Charge the battery for at least one hour to get the correct reading.

IMPORTANT: Do not disconnect the battery unless it needs to be replaced.

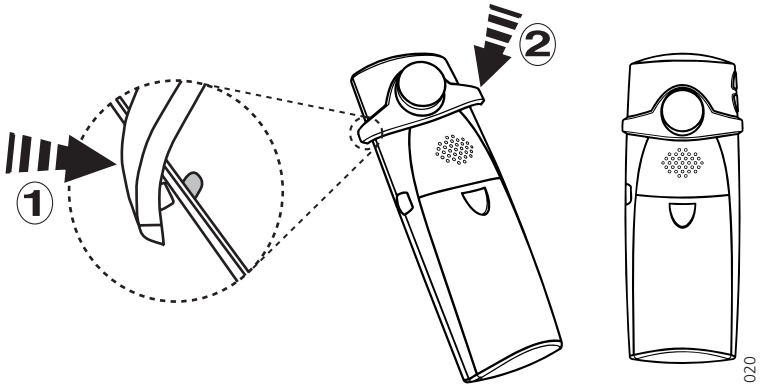
12.2 Attach the Hinge-type Clip

Attach the hinge clip as described in the illustration below.



12.3 Attach the Swivel-type Clip

Attach the swivel clip as described in the illustration below.



Appendix A: Bluetooth Headset Module

A.1 Introduction

The Bluetooth Module is an optional accessory to the OfficeM telephone to be able to use a Bluetooth headset. The Bluetooth Module is placed in the battery compartment and connected with a connector.

Bluetooth technology replaces the cord between the cordless telephone and the headset. This allows the user to move more freely and eliminates the risk of a headset cord getting stuck.

Bluetooth Module supports the Bluetooth 1.2 standard.

A.2 Description

A.2.1 The Bluetooth Headset Module

The Bluetooth Module is a PCB casted with plastic and a connector. The Bluetooth Module is easily installed in the battery compartment by the user. See A.3 *Installation* on page 37.

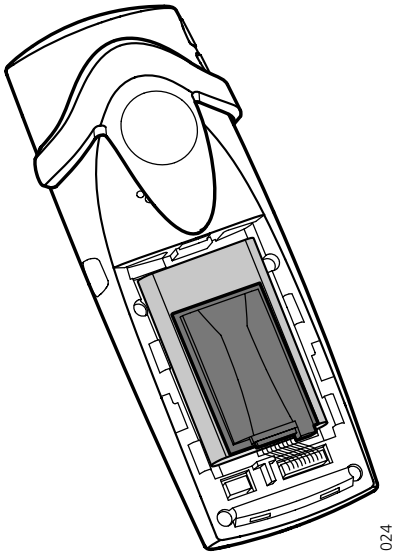


Figure 8. Figure of battery compartment and Bluetooth Module

A.2.2 Antenna

The Bluetooth Module has a integrated antenna.

A.3 Installation

1 Turn off the telephone by pressing NO until the display goes blank.

2 Remove the battery cover.

3 Remove the foam on the inside of the battery lid.

4 Connect the Bluetooth Module connector in the largest connector on the telephone. The connector is connected to the cordless phone in such a way that no miss-contact is possible.

5 Remove the backing paper on the tape on the Bluetooth Module.

6 Place the Bluetooth Module centred on the battery and the support at the end of the battery.

7 Close the battery lid.

8 Turn on the telephone by pressing NO until the display starts.

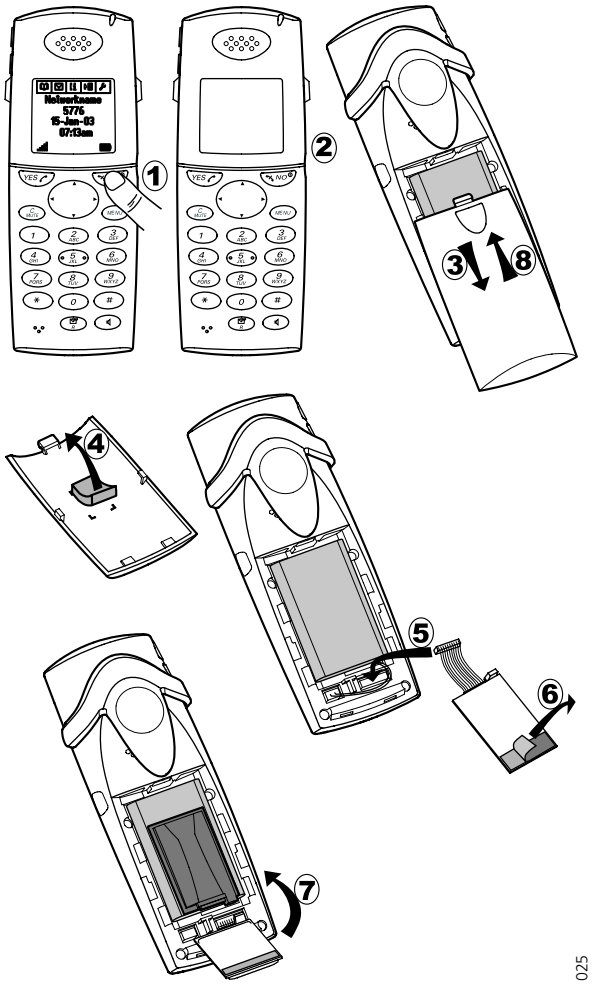


Figure 9. Installation of the Bluetooth Module.

A.4 Icon

See 3.2 *Icons and Text in the Display* on page 9.

A.5 Wear

For optimal performance wear the Bluetooth headset and the telephone on the same side of your body. The best audio quality in the headset is achieved when no obstructions, including your body, are between the headset and the cordless telephone.

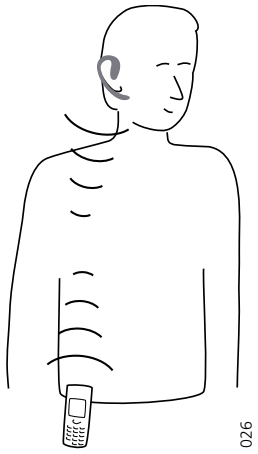


Figure 10. Wear the headset and the telephone on the same side of your body.

A.6 Software requirements

Cordless telephone version 11.12 or later.

A.7 Hardware requirements

Cordless telephone version R2A or later. The hardware version is found on the label under the battery.

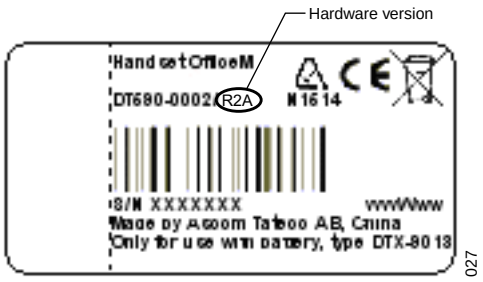


Figure 11. Label under battery

A.8 Headsets

A number of Bluetooth headsets for different work situations have been tested together with the telephone. Refer to the Ascom Wireless Extranet Website for a list of verified Bluetooth headsets.

Since the Bluetooth Module supports the Bluetooth 1.2 standard, other headsets may also work although not verified by Ascom.

Note: Your Bluetooth headset may have more or less functions than described here, refer to the Manual for the Bluetooth headset.

A.9 Operation

Step between the menus with the navigation key, ◄ or ►. Confirm each menu selection with by pressing the YES button on the telephone.

A.9.1 Enable Bluetooth

To enable the Bluetooth function enter ◄ "Toolbox" in the telephone menu, select Bluetooth and press the YES button on the telephone, select "Enable" and press YES.

A.9.2 Connect a Bluetooth headset

Before a headset can be used a connection (pairing) between the headset and the telephone must be established.

1 Place the Bluetooth headset and the telephone next to each other.

2 On the telephone enter ◄ "Toolbox" in the menu, "Bluetooth" ▼ "Headset", ▼ "Add new".

3 Put the headset in pairing mode* and press the YES button on the telephone. The telephone starts to search for the headset.

4 The headset is displayed in the telephone menu "Headset". Press the YES button on the telephone to select the headset. The pairing starts.

5 After a few seconds a PIN-code is requested for the Bluetooth headset. Enter the PIN-code* and press the YES button on the telephone. "Succeeded" is shown on the telephone display.

6 The paired headset is displayed in the telephone menu "Headset". Select ▼ the headset and press the YES button on the telephone, select "Connect" and press YES again. The headset is now active and ready to be used.

A.9.3 Add another Bluetooth headset

Up to four headsets can be paired to the telephone, but only one at a time can be active. To pair another headset repeat section "Connect a headset" steps 1-6.

The paired headsets are displayed by a default name in the telephone menu "Headset". See *A.9.7 Change the name of Bluetooth headset*

A.9.4 Activate a Bluetooth headset

To activate a Bluetooth headset, enter "Toolbox" in the telephone menu, ► "Bluetooth", ▼ "Headset". Step with the navigation key, ▲ or ▼ to the headset to be activated and press the YES button on the telephone, select "Connect" and press YES again. The headset is now active.

Note: The current active headset must be deactivated before another headset can be activated.

A.9.5 Deactivate a Bluetooth headset

To deactivate the active Bluetooth headset, enter "Toolbox" in the telephone menu, ► "Bluetooth", ▼ "Headset". Step with the navigation key, ▲ or ▼ to the headset to be deactivated and press the YES button on the telephone, select "Disconnect" and press YES again. The headset is deactivated but is still paired and can be found in the headset menu.

A.9.6 Remove a headset

To remove a Bluetooth Headset enter ▶ "Toolbox" in the telephone menu, ▶ "Bluetooth", ▼ "Headset". Step with the navigation key, ▲ or ▼ to the headset to be removed and press the YES button. Select ▼ "Remove" and press the YES button. Confirm with the YES button.

A.9.7 Change the name of Bluetooth headset

The name, in the headset list, of the headset is the default name for the headset. To change the name enter ▶ "Toolbox" in the menu, "Bluetooth", ▼ "Headset". Step with the navigation key, ▲ or ▼, select the headset and press the YES button. Select "Edit name" and press the YES button. See 3.4 *Enter Text and Numbers* on page 14.

A.10 Calling

A.10.1 Make a call

Dial the number on the telephone and press the YES button on the telephone. When "Transfer call to phone?" is displayed press NO or ignore the message to use the Bluetooth Headset. Press YES to use the telephone.

A.10.2 Answer a call

A ring signal sounds in both the active Bluetooth headset and the telephone to signal an incoming call.

To answer the call in the Bluetooth headset, press the button* on the headset.

To answer the call in the telephone press the YES button on the telephone.

A.10.3 End a call

To end the call press the button* on the headset or the NO button on the telephone.

A.11 Volume/Mute Control

A.11.1 Adjust the Volume during a Call

Depending on the Bluetooth headset it might be possible to adjust the volume on the headset*. On the telephone press the upper Volume button on the upper left side to increase the volume and the lower Volume button to decrease the volume in the headset.

A.11.2 Turn the microphone On/Off during a Call

Mute the headset and the telephone with the Mute button on the telephone. See 4.5.4 *Turn the Microphone On/Off during a Call* on page 17.

A.12 Messaging

When a text message is received a beep sounds in the Bluetooth headset.

A.13 Transfer a call

A.13.1 Transfer a call to the telephone

To transfer a call to the telephone from the Bluetooth headset step with the navigation key, ▶ to the "Ongoing call" menu, select "Audio transfer" and press the YES button on the telephone. Select "To phone" and press YES again.

A.13.2 Transfer a call to the Bluetooth headset

To transfer the call to the Bluetooth headset step with the navigation key, ▶ to the "Ongoing call" menu, select "Audio transfer" and press the YES button on the telephone. Select the headset and press YES again.

It is also possible to transfer a call to the Bluetooth headset by pressing the button* on the Bluetooth headset.

A.14 Switch to a headset with cord

If a headset with a cord is connected during a call, the call is transferred to this headset automatically.

A.15 Menu tree

See 6.5 *Toolbox Tab* on page 24.

A.16 Operation notice

A.16.1 Accessibility and Voice quality

Bluetooth uses the frequency of 2.45 GHz. WLan, microwave oven and other devices that use the same frequency can disturb the use of a Bluetooth headset.

A.16.2 Operation Area

Maximum distance between the headset and the telephone is 10 metre according to standard 1.2. The communication distance between the handset and headset may vary considerably due to the environment and disturbances from other 2.45 GHz equipment. Different headsets can also give different communication distances.

A.16.3 Out of Range

If a connection can not be made with the connected Bluetooth headset the call is transferred automatically to the telephone.

If the Bluetooth headset and the telephone get out of range from each other the connection is temporarily lost. The connection is automatically established again when a call is made or received.

A.17 Environmental Requirements

A.17.1 Bluetooth headset Battery

See the manual for the Bluetooth headset.

A.17.2 Bluetooth Module

Dispose of properly.

A.18 Maintenance

A.18.1 Replace the battery

Carefully remove the Bluetooth Module from the battery. See 12.1 *Replace the Battery* on page 35 and fasten the Bluetooth Module. See A.3 *Installation* on page 37.

IMPORTANT: Do not disconnect the Bluetooth Module unless it needs to be replaced.

A.18.2 Replace the Bluetooth Module

The Bluetooth Module is not reparable. Dispose of properly.

Note: Replace the battery if the battery case is damaged when the Bluetooth module is removed.

A.19 Trouble Shooting

Problem	Reason	Solution
No headset found	Headset is turned off	Turn on headset
	Headset is out of battery	Charge headset
	Headset is out of range	Move headset closer to phone
	Headset is not in pairing mode	Turn headset into pairing/ discoverable mode (see headset manual for details)
Pairing fails	Headset is not in pairing/ discoverable mode	Turn headset into pairing/ discoverable mode (see headset manual for details)
	Incorrect PIN entered	Try again and enter correct PIN (see headset manual for details)
Connecting fails/Failed to connect headset	Headset is not turned on	Turn on headset
	Headset is out of range	Move headset closer to phone
	Link key in headset has been deleted	Repeat pairing procedure
	Headset is already connected to another phone	Disconnect headset from the other phone
	Too close to a WLAN area and headset is not supporting Bluetooth standard v1.2	Shut down WLAN equipment

Headset can not connect to phone (see headset manual for details on how to connect)	Phone is not turned on	Turn on phone
	Phone is out of range	Move phone closer to headset
	Bluetooth module is disabled	Enable Bluetooth chip in Bluetooth menu
	Another headset is already connected to the phone	Disconnect the connected headset
	Link key is missing in either headset or phone.	Repeat pairing procedure
	Too close to a WLAN area and headset is not supporting Bluetooth standard v1.2	Shut down WLAN equipment

* Refer to the Manual for the Bluetooth headset.

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